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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Marko Mahkonen, et al

Attorney Docket No.: 944-003.161-1

Application No.: 10/737,190

Group No.: To be assigned

Filed: December 15, 2003

Examiner: To be assigned

For: METHOD AND APPARATUS FOR CONTROLLING COMMUNICATION BETWEEN  
USER EQUIPMENT AND A BASE STATION IN A RADIO ACCESS NETWORK

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant submits herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 C.F.R. 1.56.

This Information Disclosure Statement is timely since it is certified by the undersigned that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office (copy enclosed) in a counterpart foreign application not more than three months prior to the filing of this Supplemental Information Disclosure Statement per 37 C.F.R. 1.97(c) and 37 C.F.R. 1.97 (e)(1), therefore, the undersigned respectfully submits that no fee is due. The Commissioner is hereby authorized to charge to Deposit Account 23-0442 any fee deficiency required to submit this Information Disclosure Statement.

I hereby certify that this correspondence is being deposited today  
with the United States Postal Service as first class mail in an envelope  
addressed to Director of the United States Patent & Trademark Office,  
P.O. Box 1450, Alexandria, VA 22313-1450

Sue Muro  
Sue Muro

Aug 16, 2004  
Date

The references are listed in the enclosed foreign search report dated August 10, 2004. A concise explanation of the relevance of each reference is specifically pointed out on page 3 of the search report. A PTO 1449 listing the cited references is also enclosed.

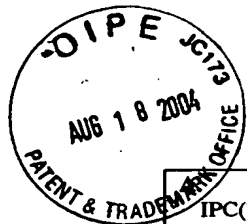
Respectfully submitted,



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Date: 16 Aug. 2004

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB03/06000

## CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 7/20  
US CL : 455/517, 522, 525, 434, 435.2, 435.3, 437

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 455/517, 522, 525, 434, 435.2, 435.3, 437

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, P — Y, P	US 2003/0219010 A1 (PENG) 27 November 2003, see figures 2-7, paragraphs [0073]-[0091]  US 6,628,946 B1 (WIBERG et al.) 30 September 30, 2003, see figures 1, 7, 8, 10-16, abstract, column 3, lines 5-63, column 8, lines 53-column 9, lines 3, column 14, lines 16-63, claims 28 and 29, column 16, lines 13-42	1-13 ----- 1-13

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;"

document member of the same patent family

Date of the actual completion of the international search

07 July 2004 (07.07.2004)

Date of mailing of the international search report

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

Commissioner for Patents

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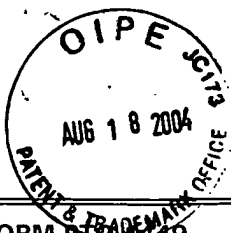
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944-003.161-1

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APPLICANTS: Marko Mahkonen, et al

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ART UNIT: To be assigned

## UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	ISSUE/PUBL DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US	2003/0219010 A1	11/27/2003	Jlanhua Peng			
	US	6,628,946	9/30/2003	Niclas Wibert et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	TRANSLATION YES/NO

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


Examiner

Date: